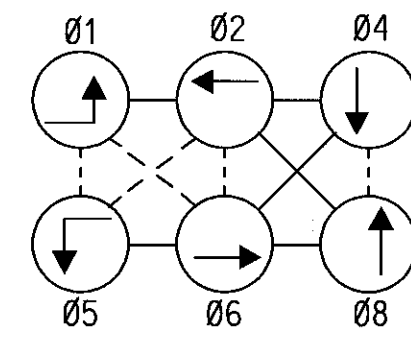


US 113 IS ASSUMED
TO RUN NORTH / SOUTH

PROPOSED SIGNALS

1,2,5,6
12"

3,4,7,8,9,10,
11,12,14,14
12"



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

AERIAL HEIGHTS

PRIMARY ELEC.....40.83'
GUIDE WIRE.....31.50'
TELEPHONE.....27.65'

NOTE:
ONE ELECTRICAL HAND
HOLE TO BE LOCATED IN BREAK

GENERAL NOTES

- PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL DETECTORS AND CONDUIT INSTALLATION ARE COMPLETE.
- THE CONTRACTOR SHALL CONFIRM GEOMETRICS PRIOR TO THE INSTALLATION OF THE SIGNAL EQUIPMENT.
- PAVEMENT MARKING DETAILS ARE PROPOSED AND SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH S.H.A. STANDARDS.
- SEE PAVEMENT SHEET FOR ADDITIONAL STRIPING.
- STREET NAMES AND ROUTE MARKER SIGNS ARE TO BE INSTALLED PARALLEL TO THE ROADWAY.
- ALL SIGNAL EQUIPMENT TO BE INSTALLED TO FINAL GRADE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL NOTIFY MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

CONSTRUCTION DETAILS

- ① INSTALL LOCAL CONTROLLER IN A NEMA SIZE 6 BASE MOUNTED CABINET (NOTE: 2-4" AND 2-2" PVC 90 DEGREE BENDS AND A 2" CONDUIT FOR PHONE DROP) WITH CONTROL AND DISTRIBUTION.
- ② INSTALL 27 FT. STEEL POLE WITH SINGLE 70' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERAS, 20 FT. STREET LIGHTING ARM WITH 250 WATT LUMINAIRE (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND).
- ③ INSTALL 27 FT. STEEL POLE WITH SINGLE 70' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERA, 20 FT. STREET LIGHTING ARM WITH 250 WATT LUMINAIRE (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND).
- ④ INSTALL 27 FT. STEEL POLE WITH SINGLE 50' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS, VIDEO CAMERA (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND).
- ⑤ INSTALL 27 FT. STEEL POLE WITH SINGLE 38' MAST ARM, TRAFFIC SIGNAL HEADS, SIGNS (NOTE: 1-4" PVC 90 DEGREE CONDUIT BEND).
- ⑥ INSTALL ELECTRICAL HAND HOLE.
- ⑦ INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- ⑧ INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- ⑨ INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
- ⑩ INSTALL 24" WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOP LINE).
- ⑪ INSTALL GROUND MOUNT SIGN.
- ⑫ PROPOSED OVERHEAD SERVICE.
- ⑬ VIDEO DETECTION AREA.
- ⑭ INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
- ⑮ INSTALL MICROLOOP PROBES 1000' LEAD - IN (NON-INVASIVE).
- ⑯ INSTALL MICROLOOP PROBES 500' LEAD - IN (NON-INVASIVE).
- ⑰ INSTALL 2" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- ⑱ POWER POLE TO BE REMOVED.

UTILITY LEGEND

G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES



72 Loveton Circle Baltimore, Maryland 21152-0949

REVISIONS		APPROVALS		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION	
		<i>W. R. R.</i> 10/29/02 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION		US 113 (WORCESTER HWY) AND MD 367 (BISHOPVILLE RD)	
		<i>W. R. R.</i> 10/29/02 ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION		DRAWN BY: C. MUNZ CHECKED BY: M. W. R. 10/29/02 SCALE: 1" = 20' DATE: 10/07/02	
		<i>W. R. R.</i> 10/29/02 DIRECTOR, TRAFFIC & SAFETY		F.A.P. NO. SEE TITLE SHEET S.H.A. NO. W07475170 COUNTY: WORCESTER LOG MILE: 4.92	
				TS NO. 4192 SHEET NO. 59 OF 60	

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DATE 10/25/02